

208.1 - Chemical Resistance [Durability] of Glass (solid form)

These SRMs are for checking test methods and calibrating equipment used to determine the resistance of glass containers to chemical attack. The values given represent the volume of 0.02 N sulfuric acid used to titrate to the methyl red end point of the alkaline extract from a crushed sample of glass after exposure to high purity water at 121° C.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	mL of N/50 H ₂ SO ₄
622	Soda-Lime-Silica Glass	2.2 kg	7.67
623	Borosilicate Glass	2.2 kg	0.34

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only